

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18202-027US1/1110US	Application No. 10/589,920
		Applicant ZHI et al.	
		Filing Date August 17, 2006	Group Art Unit 1614

Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)

(37 CFR §1.98(b))



## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2003/0073703	04/17/03	Coghlan et al.	514	257	07/23/02
	AB	Re 28,819	05/18/76	Thompson	514	174	04/16/75
	AC	3,710,795	01/16/73	Higuchi et al.	424	424	09/29/70
	AD	4,044,126	08/23/77	Cook et al.	514	180	07/09/76
	AE	4,328,245	05/04/82	Yu et al.	514	530	02/13/81
	AF	4,358,603	11/09/82	Yu	560	2	04/16/81
	AG	4,364,923	12/21/82	Cook et al.	424	46	04/30/81
	AH	4,409,239	10/11/83	Yu	514	530	01/21/82
	AI	4,410,545	10/18/83	Yu et al.	514	530	05/10/82
	AJ	4,414,209	11/08/83	Cook et al.	514	180	06/13/77
	AK	4,522,811	06/11/85	Eppstein et al.	514	2	07/08/82
	AL	4,981,784	01/01/91	Evans et al.	435	6	11/30/88
	AM	5,033,252	07/23/91	Carter	53	425	07/30/90
	AN	5,052,558	10/01/91	Carter	206	439	07/27/90
	AO	5,071,773	12/10/91	Evans et al.	436	501	10/20/87
	AP	5,323,907	06/28/94	Kalvelage	206	531	03/15/93
	AQ	5,506,102	04/09/96	McDonnell	435	6	10/28/93
	AR	5,688,810	11/18/97	Jones et al.	514	311	06/05/95
	AS	5,693,646	12/02/97	Jones et al.	514	285	06/05/95
	AT	5,696,127	12/09/97	Jones et al.	514	285	06/05/95
	AU	5,696,133	12/09/97	Jones et al.	514	314	06/05/95
	AV	6,068,976	05/30/00	Briggs et al.	435	6	03/19/96
	AW	6,380,207	04/30/02	Coghlan et al.	514	285	02/13/98
	AX	6,506,766	01/14/03	Coghlan et al.	514	285	07/05/02
	AY	6,696,459	02/24/04	Jones et al.	514	285	10/14/97

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AZ	03/037905	05/08/03	PCT				
	BA	02/02565	01/10/02	PCT				
	BB	99/041257	08/19/99	PCT				
	BC	99/041256	08/19/99	PCT				
	BD	95/031722	11/23/95	PCT				
	BE	96/029405	09/26/96	PCT				
	BF	96/019458	06/27/96	PCT				
	BG	1053239	01/08/03	EP				
	BH	1053240	04/16/03	EP				
	BI	1382597	01/21/04	EP				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	BJ	Allegretto et al., "Transactivation properties of retinoic acid and retinoid X receptors in mammalian cells and yeast. Correlation with hormone binding and effects of metabolism," <i>Journal of Biological Chemistry</i> , 268(35):26625-26633, (1993). Erratum in: <i>Journal of Biological Chemistry</i> , 269(10):7834, (1994).
	BK	Ansel, H.C., <i>Introduction to Pharmaceutical Dosage Forms</i> , Fourth Edition, Lea and Febiger, Philadelphia, P.A., p. 126, (1985).
	BL	Bains and Tacke, "Silicon chemistry as a novel source of chemical diversity in drug design," <i>Current Opinion in Drug Discovery and Development</i> , 6(4):526-543, (2003).
	BM	Berger et al., "Interaction of glucocorticoid analogues with the human glucocorticoid receptor," <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 41:733-748, (1992).
	BN	Cheng and Prusoff, "Relationship between the inhibition constant (K <sub>i</sub> ) and the concentration of inhibitor which causes 50 per cent inhibition (I <sub>50</sub> ) of an enzymatic reaction," <i>Biochemical Pharmacology</i> , 22:3099-3108, (1973).
	BO	Edwards et al., "Preparation, resolution, and biological evaluation of 5-aryl-1,2-dihydro-5H-chromeno[3,4-f]quinolines potent, orally active, nonsteroidal progesterone receptor agonists," <i>Journal of Medicinal Chemistry</i> , 41(15):2779-2785, (1998).
	BP	Evans et al., "The steroid and thyroid hormone receptor superfamily," <i>Science</i> , 240:889-895, (1988).
	BQ	Fingl et al., <i>The Pharmacological Basis of Therapeutics</i> , Ch. 1, Eds. Goodman and Gilman, Macmillan Publishing Co., New York, N.Y., pp. 1-46, (1975).
	BR	Nogrady, T., <i>Medicinal Chemistry A Biochemical Approach</i> , Oxford University Press, New York, N.Y., pp. 388-392, (1985).

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Design ID	Document
	BS	O'Reilly et al., "Cotransfection and recombinant virus identification" in <i>Baculovirus Expression Vectors</i> , Ch. 13, O'Reilly et al., Eds., W. H. Freeman, New York, N.Y., pp. 139-179, (1992).
	BT	Pathirana et al., "Nonsteroidal human progesterone receptor modulators from the marine alga <i>Cymopolia barbatum</i> ," <i>Molecular Pharmacology</i> , 47:630-635, (1995).
	BU	Pooley et al., "Discovery and preliminary SAR studies of a novel, nonsteroidal progesterone receptor antagonist pharmacophore," <i>Journal of Medicinal Chemistry</i> , 41:3461-3466, (1998).
	BV	Srinivasan and Thompson, "Overexpression of full-length human glucocorticoid receptor in <i>Spodoptera frugiperda</i> cells using the baculovirus expression vector system," <i>Molecular Endocrinology</i> , 4(2):209-216, (1990).
	BW	Tacke and Zilch, "Sila-substitution--a useful strategy for drug design?" <i>Endeavour</i> , 10:191-197, (1986).
	BX	Tegley et al., "5-Benzylidene 1,2-dihydrochromeno[3,4-f]quinolines, a novel class of nonsteroidal human progesterone receptor agonists," <i>Journal of Medicinal Chemistry</i> , 41(22):4354-4359, (1998).
	BY	Zhi et al., "5-Alkyl 1,2-dihydrochromeno[3,4-f]quinolines a novel class of nonsteroidal progesterone receptor modulators," <i>Bioorganic and Medicinal Chemistry Letters</i> , 8(23):3365-3370, (1998).
	BZ	Zhi et al., "5-Aryl-1,2,3,4-tetrahydrochromeno[3,4-f]quinolin-3-ones as a novel class of nonsteroidal progesterone receptor agonists effect of A-ring modification," <i>Journal of Medicinal Chemistry</i> , 42(8):1466-1472, (1999).
	CA	Zhi et al., "5-Aryl-1,2-dihydrochromeno[3,4-f]quinolines a novel class of nonsteroidal human progesterone receptor agonists," <i>Journal of Medicinal Chemistry</i> , 41(3):291-302, (1998).
	CB	Zhi et al., "5-benzylidene-1,2-dihydrochromeno[3,4-f]quinolines as selective progesterone receptor modulators," <i>Journal of Medicinal Chemistry</i> , 46(19):4104-4112, (2003).
	CC	Zhi et al., "Development of progesterone receptor antagonists from 1,2-dihydrochromeno[3,4-f]quinoline agonist pharmacophore," <i>Bioorganic and Medicinal Chemistry Letters</i> , 13(12):2075-2078, (2003).
	CD	Zhi et al., "Synthesis and biological activity of 5-methylidene-1,2-dihydrochromeno[3,4-f]quinoline derivatives as progesterone receptor modulators," <i>Bioorganic and Medicinal Chemistry Letters</i> , 13(12):2071-2074, (2003).
	CE	Zhi et al., "Nonsteroidal progesterone receptor antagonists based on 6-thiophenehydroquinolines," <i>Bioorganic and Medicinal Chemistry Letters</i> , 10:415-418, (2000).

Examiner Signature	/Timothy Thomas/	Date Considered	08/19/2008
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